**Directions: Fill in the missing blocks with the accurate term, phrase, or descriptions regarding the four types of local winds. Some blocks are already filled in for you.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of Local Wind** | **Direction** | **Day/Night** | **Cause** |
| **sea** |  |  | **sun heats land faster than water; air above land rises creating low pressure zone** |
| **land** |  | **night** |  |
|  | **upslope** |  |  |
|  |  | **night** |  |

**Directions: Review and sketch the following types of local breeze mechanisms – use pgs. 543-544 in the Pearson Earth Science text for help.**

|  |  |
| --- | --- |
| **Land Breeze** | **Sea Breeze** |
| **Valley Breeze** | **Mountain Breeze** |

**Directions: Fill in the missing blocks with the accurate term, phrase, or descriptions regarding the four types of local winds. Some blocks are already filled in for you.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of Local Wind** | **Direction** | **Day/Night** | **Cause** |
| **sea** | **toward land** | **day** | **sun heats land faster than water; air above land rises creating low pressure zone** |
| **land** | **toward sea** | **night** | **land cools faster than water; air above land sinks, creating high pressure zone relative to air above water** |
| **valley** | **upslope** | **day** | **air along slopes heats faster than air above valley floor, glides up slope because it is less dense** |
| **mountain** | **downslope** | **night** | **air along slopes cools faster than air above valley, sinks down slope into valley** |

**Directions: Review and sketch the following types of local breeze mechanisms – use pgs. 543-544 in the Pearson Earth Science text for help.**

|  |  |
| --- | --- |
| **Land Breeze** | **Sea Breeze** |
| **Valley Breeze** | **Mountain Breeze** |